

WHITE BOARD MARKER

BACKGROUND OF THE INVENTION

1. Field of Invention

The present invention relates to a white board marker, more particularly to a bowling pin shaped white board marker.

2. Description of the Related Art

With reference to Fig. 4, a conventional white board marker (30) has a cylindrical body and is placed directly on a white board tray without being attached to the white board or the tray. The conventional white board marker slides or rolls out of the white board tray and is lost.

The present invention provides a white board marker to mitigate or obviate the aforementioned problems.

SUMMARY OF THE INVENTION

An objective of the present invention is to provide a white board marker that will attach to the white board or the white board tray.

To achieve the objective, the white board marker has a cover, a body, a marker nib, an ink pad, a cap and a magnet. The magnet is mounted inside the body and attaches the white board marker to a white board. Furthermore, the cap has multiple optional air passages.

Other objectives, advantages and novel features of the invention will become more apparent from the following detailed description when taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a perspective view of a white board marker in accordance with

1 the present invention;

2 Fig. 2 is an exploded perspective view of the white board marker in Fig.
3 1;

4 Fig. 3 is a side plan view in partial section of the white board marker in
5 Fig. 1; and

6 Fig. 4 is a perspective view of a white board marker in accordance with
7 the prior art.

8 DETAILED DESCRIPTION OF THE INVENTION

9 With reference to Figs. 1 to 3, a white board marker (10) has a cover
10 (11), a body (12), a marker nib (13), an ink pad (14), a cap (15) and a magnet
11 (16).

12 The cover (11) has a proximal end (not numbered), a distal end (not
13 numbered), a side surface (not numbered), multiple ribs (111), a nib hole (112)
14 and a front cavity (113). The multiple ribs (111) are formed on the side surface
15 and used for preventing fingers from slipping off. The front cavity (113) is
16 defined inside the rear end of the cover. The nib hole (112) defined inside the
17 proximal end of the cover (11) and is communicated with the front cavity
18 (113).

19 The marker nib (13) is mounted through the nib hole (112) of the cover
20 (11) and has a tip (not numbered) and a refill end (131). The tip of the marker
21 nib (13) extends out of the nib hole (113) and has a rear end (not numbered).
22 The refill end (131) of the marker nib (13) is integrally formed with the rear
23 end of the tip and is mounted inside the front cavity (113) of the cover (11).

24 The ink pad (14) abuts the refill end (131) of the marker nib (13) and

1 extends into the front cavity (113) of the cover (11).

2 The body (12) is mounted on the rear end of the cover (11) and has a
3 front end (not numbered), a rear end (not numbered), a magnet chamber (121)
4 and a rear cavity (122). The magnet chamber (121) is formed at the rear end of
5 the distal body (12). The rear cavity (122) is defined inside the body (12) and
6 has an opening (not numbered) at the front end of the body (12). When the
7 body (12) is mounted on the cover (11), the rear cavity (122) communicates
8 with the front cavity (113) in the cover (11), and the ink pad (14) is mounted in
9 the rear cavity (122) and the front cavity (113).

10 The magnet (16) is mounted inside the magnet chamber (121).

11 The cap (15) is mounted on the front end of the cover (11) and has a
12 rear end (not numbered), a front end (not numbered), multiple optional air
13 passages (151) and a central cavity (152). The rear end of the cap (15) is
14 mounted on the front end of cover (11). The optional air passages (151) and the
15 central cavity (152) are defined inside the cap (15). The central cavity (152) has
16 an opening (not numbered) at the rear end of the cap (15). The optional air
17 passages (151) extend completely through the cap (15). The central cavity (152)
18 covers the tip of the marker nib (13) when the cap (15) is mounted on the front
19 end of the cover (11).

20 To add attraction of the white board marker of the present invention,
21 the cap (15) is shaped as a top of a bowling pin, and the cover (11) and the
22 body (12) are shaped as a body of a bowling pin. So, when the cover (11) is
23 mounted on the body (12) and the cap (15) is mounted on the cover (11), whole
24 the white board marker (10) is shaped as a bowling pin.

1 When the white board marker (10) is not used, it can be attached to the
2 white board by the magnet (16). Because the marker (10) is held on the white
3 board, users will find the marker easily.

4 The optional air passages (151) are defined through the cap (15) so a
5 person, especially a child, who gets the cap (15) caught in their throat can get
6 air through the optional passages (151) until the cap (15) can be removed.

7 The white board marker in accordance with the present invention has
8 the following advantages...

9 1. The appearance for the white board marker is attractive, and the
10 magnet (16) inside the white board marker can hold the marker (10) in place.

11 2. The optional air passages (151) defined through the cap (15) provide
12 additional safety for children.

13 The invention may be varied in many ways by a person skilled in the
14 art. Such variations are not to be regarded as a departure from the spirit and
15 scope of the invention, and all such modifications are intended to be included;
16 within the scope of the following claims.